VERICOM®
CABLING & COMMUNICATION SOLUTIONS

PRODUCT SPECIFICATIONS

CCA RISER CAT5E U/UTP 350 MHz

COMPLIANCE	
RoHS	

CERTIFICATIONS	
TIA 568-C.2 Category 5e	ISO/IEC 11801

PHYSICAL SPECIFICATIONS		
Cable Construction		24 AWG U/UTP x 4P
Conductor Material		CCA
Insulating Material Type		HDPE
Insulation Diameter		Ø 0.88 ± 0.05 mm
Number of Insulations		4 Pair
PAIR COLORS	P1	White- Blue/ Blue
	P2	White- Orange/ Orange
	P3	White- Green/ Green
	P4	White- Brown/ Brown
Jacket Material		FRPVC
Jacket Diameter		Ø 4.8 ± 0.1 mm
Jacket Thickness		0.5 ± 0.1 mm
Jacket Flame Rate		CMR
Rip Cord		Nylon

MECHANICAL CHARACTERISTICS		
Cable under the minimum tension		≥ 400N
Conductor Elongation		≥ 15%
JACKET		
Unaged	Tensile Strength	≥ 13.5 Mpa
	Elongation	≥ 150%
Aged	Tensile Strength	≥ 12.5 Mpa
	Elongation	≥ 125%

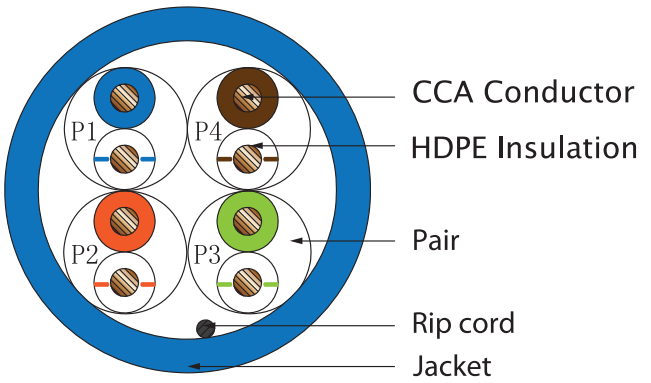
ELECTRICAL CHARACTERISTICS	
Impedance	1-350 MHz 100±15 (Ohms)
Overall Temp. Rating	75˚C
DC Resistance Unbalance	Max. 2.5%
DC Resistance 20˚C	124 (Ohms/Km)
Pair-to-Ground Capacitance Unbalance	330 (pF/100M)
Insulation Resistance	>5000MΩ*Km
Dielectric Strength	DC 2500V 2s

NOMINAL TRANSMISSION CHARACTERISTICS

FREQUENCY (MHz)	RETURN LOSS (dB)	ATTENUATION (dB/100M)	DELAY (NS)	NEXT (dB)	PSNEXT (dB)
1	20.0	2.2	570	65	62
4	23.0	4.2	552	56	53
10	25.0	6.5	545	50	47
16	25.0	8.4	543	47	44
20	25.0	9.3	542	45	42
31.25	23.6	11.6	540	42	39
62.5	21.5	17.0	538	38	35
100	20.1	22.0	537	35	32
200	18.92	32.42	537.02	30.78	27.78
250	17.60	36.85	536.28	29.33	26.33
350	16.30	44.85	535.92	27.14	24.14

NOTE: The above transmission performance for the 100M, 20±2˚C under the conditions tested

ITEM #	JACKET TYPE	AVAILABLE COLOR	AVAILABLE PUT-UPS
MBW5U-00936	CMR	Blue	1000 ft. Pull Box
MBW5U-01484	CMR	Gray	1000 ft. Pull Box



RoHS compliant

CABLE MARKING

VERICOM CAT5E TYPE CMR 75˚C 24AWG 4P
UTP TIA-568-C.2 ROHS COMPLIANT 0000FT USED / 1000FT REMAINING

NOTE: TECHNICAL SPECS AND IMAGES ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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